

FORM PTO-1449

U. S DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEINFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.	SERIAL NO.
U 013820-1	
APPLICANT	
	Ru-Shi LIU, t al.
FILING DATE	GROUP
January 4, 2002	

JCP78 U S
10/03/591
01/04/02

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
SK	AA 5 9 9 8 9 2 5	12/1999	Shimizu et al.	313	503		
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	AL						
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

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EXAMINER

Junat Khan

DATE CONSIDERED

4/25/03

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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PATENT AND TRADEMARK OFFICE

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ATTY. DOCKET NO.	SERIAL NO.
U 013820-1	10/037,581
APPLICANT	
Liu, et al.	
FILING DATE	GROUP
January 4, 2002	2811

REFERENCE DESIGNATION			U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE	
SK	AA	6 3 5 1 0 6 9 B	2/2002	LOWREY, ET AL.	313	512		
	AB							
	AC							
	AD							
	AE							
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							YES
SK	AL	2 4 4 0 2 1 A	9/2000	JP			X
	AM						
	AN						
	AO						
	AP						

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

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ATTY. DOCKET NO.	SERIAL NO.
U 013820-1	10/037,581
APPLICANT	
RU-SHI LIU, ET AL	
FILING DATE	GROUP
JANUARY 4, 2002	2811

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
	AA												
	AB												
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												
	AJ												
	AK												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
		1	2	4	1	5	5	2					YES	NO
SAC	AL								1/2000	CHINA				X
	AM													
	AN													
	AO													
	AP													

OTHER ART (Including Author, Title, Date, Pertinent Dates, Etc.)

37	AR	English Abstract of CHINA 1241552 dated January 19, 2000.
	AS	
	AT	

EXAMINER Junato Kelm DATE CONSIDERED 4/25/03

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